



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 8230

SERIAL NUMBER 10/732,865	FILING DATE 12/10/2003  RULE	CLASS 073	GROUP ART UNIT 2855	ATTORNEY DOCKET NO. 7784-000681
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

## APPLICANTS

Charles E. Hagar, Manchester, MO;

\*\* CONTINUING DATA \*\*\*\*\* mtc

NONE

\*\* FOREIGN APPLICATIONS \*\*\*\*\* mtc

NONE

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 03/16/2004

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY MO	SHEETS DRAWING 5	TOTAL CLAIMS 26	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

## ADDRESS

27572  
 HARNESS, DICKEY & PIERCE, P.L.C.  
 P.O. BOX 828  
 BLOOMFIELD HILLS, MI  
 48303

## TITLE

Systems and methods for detecting and locating leaks in internal pressure vessels

FILING FEE  RECEIVED 878	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---